BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Estimate Cost Rs. 777649.74

Name of Work: Modified Estimate for the work of Construction of RCC drain at Puttenahalli KHB colony in ward No-02 of yelahanka Sub Division.

Sl No	Description of item	Unit	No	L	B	D	Qty	as per tender Rate	Amount
2	KSRB 2-2.1 : earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m, in depth, including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications, specification, No, KBS 2.1(a) / 2.3.5, No. 5/ Item No. 2.3/ PWD SR 2013-14	cum							
	For RCC drain		1	50.00	1.00	0.50	54.00		
	for culvert		1	9.00	1.50	1.00	12.00		
							66.00	150.00	9900.00
3	KSRB 100-1 Loading and unloading ofstone aggregates / sand/ kanker/ Moorum /soil KSRB M100-1 Placing tipper at loading with front end loador dumpling turning for return trip excluding time for haulged and return trip complete as per specification item No 17.1 page 141 and KSRB M.100.4.1 costof haulage excluding loading and unloading MORTH to a distance of 4.00 K.M (Item No 17.4 Page 141 (SR 2013-14)	cum							
			Vide Item No. 2				66.00	78.00	5148.00

Sl No	Description of Item	Unit	No	L	B	D	Qty	as per tender Rate	Amount
4	KSRB-4-1.3 Providing and laying in position plain cement concrete of mix M7.5 withOPC cement at 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1.4.2, No. 12/ Item No. 4.3/ PWD SR 2013-14	Cum							
			1	60.00	0.90	0.15	8.10		
	for Culvert		1	8.00	1.20	0.20	1.92		
							10.02	4290.00	42986.00
5	KSRB 4.2.2 Providing and laying in position plain cement concrete of mix M20 withOPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.876cum and fine aggregates @0.459cum with superclastesisre @ 3lts conforming to IS9103-1999Reffirmed machine mixed exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls(any thickness) including attached plasters columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour HOM of machinery, curing, complete as per specifications. Specification No KBS 4.1.4.6, No. KBS 4.1.4.6, No. 12/ Item No. 4.11/ PWD SR 2013-14	Cum							
	bed for RCC drain		1	60.00	0.90	0.15	8.10		
	side walls		2	60.00	0.15	0.70	12.60		
	for Culvert		1	8.00	1.20	0.30	2.88		
	side walls		2	8.00	0.30	1.00	4.80		
	for deck slab		1	8.00	1.20	0.30	2.88		
							31.26	5639.00	176275.00

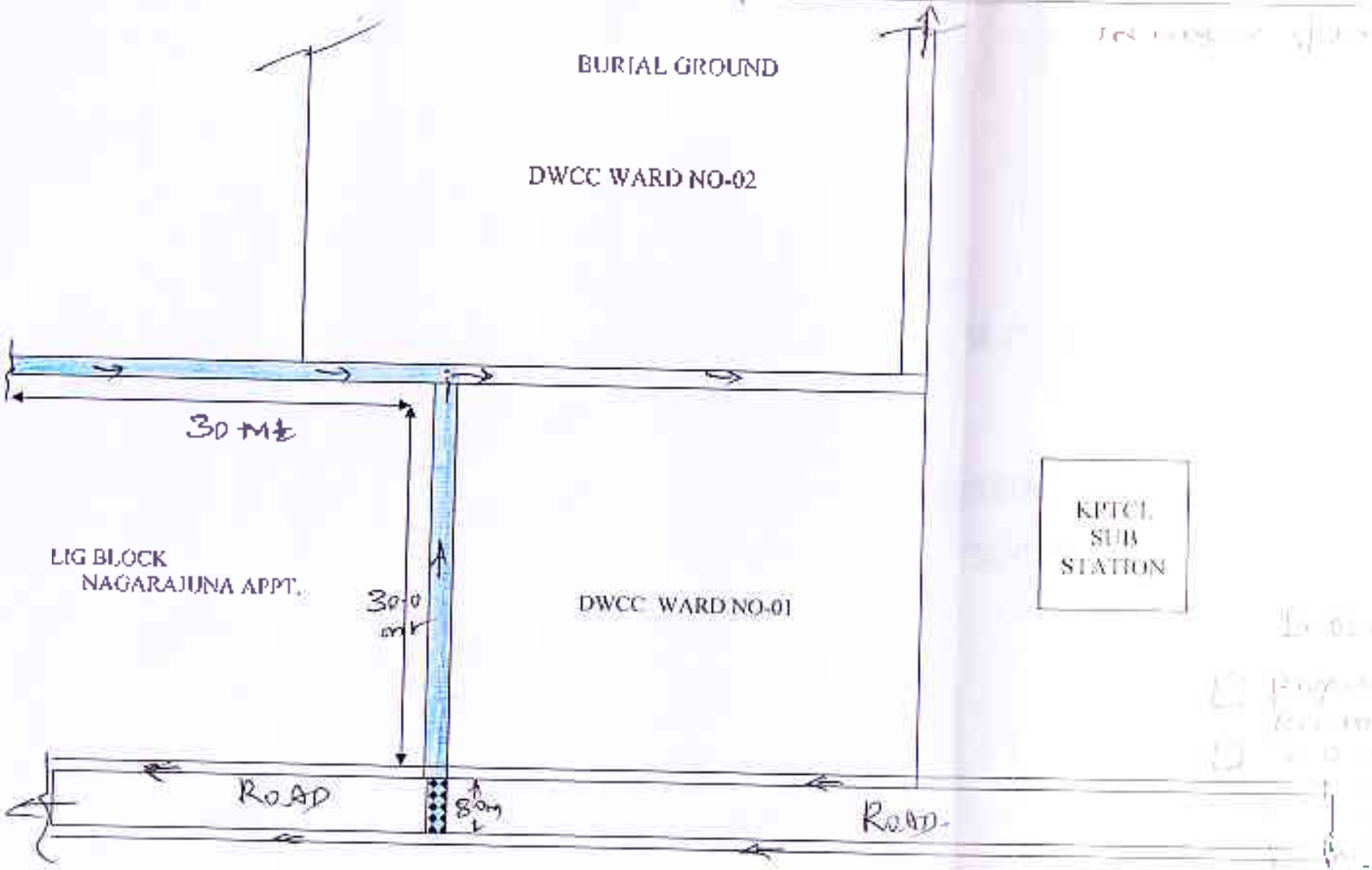
No	Description of item	Unit	No	L	B	D	Qty	as per tender Rate	Amount
6	KSRB 4.9.2 providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 Page No. 19/ Item No. 4.46/ PWD SR 2013-14	Quintal							
	for RCC drain 65Kg/cum		0.650	20.70			13.46		
	for Culvert 90 kg/cum		0.900	10.56			9.50		
				31.26			**22.96**	7360.00	169437.00
7	KSRB 4.6.4 Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, attached pilasters,bittresses,buttresses plinth and string course including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 Page No. 17/ Item No. 4.31/ PWD SR 2013-14	sqm							
	for RCC drain	1x4	4	50.00	0.70		168.00		
	for Culvert	2x4	4	8.00	1.00		32.00		
	deck bottom		1	8.00	0.60		4.80		
							204.80	270.00	55296.00
8	RCC Precast covering slab for drain (10cm thick)	sqm							
			1	60.00	0.90		54.00		
			1	150.00	0.90		135.00		
			1	85.00	0.90		76.50		
	as per modified estimate rate = 1237.90						265.50	1237.90	328662.00
	Approved rate	1245.00							
	Tender premium rate=0.57%	7.10							
	Total	1237.90							
								Total	777649.74

Assistant Engineer

Assistant Executive Engineer
Yelahanka Sub Division
Bangalore-64

Executive Engineer
Yelahanka Division
Bangalore-64

MODIFIED SKETCH FOR THE WORK OF Construction of R.C.C



Ramaraju